PROFORMA FOR PREPARATION OF ANNUAL REPORT (April-2017-March-2018) APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	30	733	154	887
Rural youths	-	-	-	-
Extension functionaries	-	-	-	-
Sponsored Training	-	-	-	-
Vocational Training	-	-	-	-
Total	30	733	154	887

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	-	-	-
Pulses	-	-	-
1.Greengram	34	13.6	-
2. Chickpea	24	09.6	-
Total	58	23.2	-
Cereals	-	-	-
Vegetables	-	-	-
Other crops (Cluster bean)	40.0	10.0	-
Hybrid crops	-	-	-
Total	40.0	10.0	
Livestock & Fisheries	-	-	-
Other enterprises	-	-	-
Total	-	-	-
Grand Total	98	33.20	

3. Technology Assessment & Refinement

Category	No. of Technology	No. of Trials	No. of Farmers
	Assessed & Refined		
Technology Assessed			
Crops	Nil	Nil	Nil
Livestock	Nil	Nil	Nil
Various enterprises	Nil	Nil	Nil
Total	Nil	Nil	Nil
Technology Refined	Nil	Nil	Nil
Crops	Nil	Nil	Nil
Livestock	Nil	Nil	Nil
Various enterprises	Nil	Nil	Nil
Total	Nil	Nil	Nil
Grand Total	Nil	Nil	Nil

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	48	1734
Other extension activities	Nil	Nil
Total	48	1734

5. Mobile Advisory Services

Type of Messages								
Name of KVK	Message Type	Crop Livestoc		Weather	Marke -ting	Aware- ness	Other enterprise	Total
	Text only	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Voice only	252	75	40	-	-	-	367
	Voice & Text both	252	75	40	-	-	-	367
	Total Messages	-	-	-	-	-	-	-
	Total farmers Benefitted	252	75	40	-	-	-	367

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	Nil	Nil
Planting material (No.)	Nil	Nil
Bio-Products (kg)	Nil	Nil
Livestock Production (No.)	Nil	Nil
Fishery production (No.)	Nil	Nil

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	18	2700.00
Water	-	-
Plant	-	-
Total	18	2700.00

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	01
2	Conferences	01
3	Meetings	04
4	Trainings for KVK officials	-
5	Visits of KVK officials	03
6	Book published	-
7	Training Manual	-
8	Book chapters	-
9	Research papers	-
10	Lead papers	-
11	Seminar papers	-
12	Extension folder	02
13	Proceedings	02
14	Award & recognition	-
15	On going research projects	-

DETAIL REPORT OF APR 2017-18

<u>1. GENERAL INFORMATION ABOUT THE KVK</u>

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephon	е	e-Mail	
Address	Office/Mobile	Fax	e-wan	
Krishi Vigyan Kendra, Pokaran,				
C/o Urmul Marusthli Bunkar Vikash Samitti,				
Opp RTDC MidWay,	9414627676	Nil	kvkpokaran@gmail.com	
Pokaran, District - Jaisalmer,				
Rajasthan - 345 021				

1.2 .Name and address of host organization with phone, fax and e-mail

Name & Address	Telephone	e-Mail		
Name & Audress	Office	Fax	e-man	
Dr. B.R. Chhipa				
Hon'ble Vice Chancellor,	0151-2250443	0151-	waren Groubilton en ora	
S. K. Rajasthan Agricultural University,	0151-2250529 (R)	2250336	vcrau@raubikaner.org	
Beechwal, District - Bikaner, Rajasthan				
Dr. S.K. Sharma				
Director,	0151-2251122	0151-		
Directorate of Extension Education,	0151-2253172 (R)	2251122	dee@raubikaner.org	
S. K. Rajasthan Agricultural University,	$0131-2235175(\mathbf{K})$			
Beechwal, District – Bikaner, Rajasthan				

1.3. Name of the Senior Scientist & Head with phone & mobile

Name & Address	Telephone / Cont	act	e-Mail	
Name & Address	Office	Fax		
Dr. K.D. Khiriya,				
Senior Scientist & Head,	9414627676 (M)		kvkpokaran@gmail.com	
Krishi Vigyan Kendra,	9414027070 (IVI)		Kvkpokaran@gman.com	
Pokaran, District - Jaisalmer, Rajasthan				

1.4. Year of sanction:- March 2012-2013

1.5. Staff Position (as on 30th March, 2018)

S. N.	Sanctioned post	Name of the incumbent	Design- ation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman- ent /Temp- orary	Category (SC/ST/ OBC/ Others)	Mobile Phone No.	Age	e-Mail
1	Senior Scientist & Head	Dr. K.D. Khiriya	Professor	Ph.D. (Agro)	37400- 67000	69520	16.04.12	Parm.	OBC	9414627676	59	kvkpokaran@gmail.com
2	Subject Matter Specialist	Dr. K.G. Vyas	SMS	Ph.D. (Agro)	15600- 39100	22180 (fixed)	05.04.18	Temp.	GEN	9510081869	30	kgvyas09@gmail.com
3	Subject Matter Specialist	[*] Dr. Rekha Kumawat	SMS	Ph.D. (Plant pathology)	15600- 39100	22180 (fixed)	04.04.18	Temp.	OBC	9414606382	30	rekha.kumawat25@gmail.com
4	Subject Matter Specialist	Mr. S.K. Sharma	SMS	M.Sc. (Agl. Ext)	15600- 39100	22180 (fixed)	17.04.18	Temp.	GEN	9929268340	27	sunilextension@gmail.com
5	Subject Matter Specialist	Miss. Charu Sharma	SMS	M.Sc.(Home science)	15600- 39100	22180 (fixed)	01.05.18	Temp.	GEN	8696711107	34	sharmacharu30@gmail.com
6	Subject Matter Specialist	Dr. Ram Niwas	SMS	M.Sc. (LPM)	15600- 39100	22180 (fixed)	18.05.18	Temp.	OBC	8765408809	32	ramniwasbhu@gmail.com
7	Subject Matter Specialist	-	-	-	-	-	-	-	-	-	-	-
8	Programme Assistant	-	-	-	-	-	-	-	-	-	-	-
9	Computer Programmer	-	-	-	-	-	-	-	-	-	-	-
10	Farm Manager	-	-	-	-	-	-	-	-	-	-	-
11	Accountant / Superintendent	-	-	-	-	-	-	-	-	-	-	-
12	Stenographer	Rajveer Singh	Clerk Gr-II	12 th Class	L-8	34300	21.07.15	Parm.	OBC	9828987555	35	rsp.jaisalmer@gmail.com
13	Driver	Shiv Singh	Driver	8 th Class	L-10	40300	09.10.17	Parm.	GEN	9413211201	48	Nil
14	Driver	-	-	-	-	-	-	-	-	-	-	Nil
15	Supporting staff	Himat Singh	CL-IV	5 th Class	L-3	31100	May 2012	Parm.	GEN	9983488107	54	Nil
16	Supporting staff	Gulab Singh	Cl-IV	8 th Class	L-3	33000	Jan 2013	Parm.	GEN	8009435423	48	Nil

*She resigned from the Post of SMS (Plant Pathology) with effect from 31.05.2018

1.6. Total land with KVK (in ha):- 12.8 (80 Beghas)

S. No.	Item	Area (ha)
1	Under Buildings	0.084
2.	Under Demonstration Units	-
3.	Under Crops	12.72
4.	Orchard/Agro-forestry	-
5.	Others (specify)	-

1.7. Infrastructural Development:

A) Buildings: (Presently KVK work is running on Rental building)

					S	stage		
S.	Name of	Source	Complete			Incomplete		
No.	building	of funding	Compl etion Date	Plinth area (Sq.m)	Expen diture (Rs.)	Starting Date	Plinth area (Sqm)	Status of construction
1.	Administrative Building	ICAR	-	-	-	-	551	Work in progress
2.	Farmers Hostel	ICAR	-	-	-	-	305	Work in progress
3.	Staff Quarters (6)	-	-	-	-	-	-	-
4.	Demonstration Units (2)	-	-	-	-	-	-	-
5	Fencing	-	-	-	-	-	-	-
6	Rain Water harvesting system	-	-	-	-	-	-	-
7	Threshing floor	-	_	-	-	-	_	-
8	Farm godown	-	-	-	-	-	-	-

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms Run	Present status
Jeep (Bolero RJ-15 UA 1165)	2013-14	8.00 lakh	70791	Running
Tractor (RJ-15 RA 4087)	2012-13	4.40 lakh	318*	Running

* Tractor is working at KVK, Jaisalmer

C) Equipments & AV aids

Sr. No.	Head of Account	No.	Date of Purchase	Purchase Amount (Rs)	Present Status
1.	Digital Camera	1	2012-13	10000	Running
2.	Multi-Purpose Printer	1	2012-13	9990	Running
3.	Desktop Computer	1	2015-16	40898	Running
4.	Printer	2	2015-16	16057 & 46948	Running
5.	Photo State Machine	1	2015-16	120330	Running
6.	Digital Camera	1	2015-16	32500	Running
7.	Laptop	1	2015-16	46104	Running
8.	R.O. with Water Cooler	1	26.03.17	79850	Running
9.	Air Conditioner	2	26.03.17	78900	Running

1.8. A). Details SAC meeting* conducted in the year

		Nome and		A ation tol-
Sr.	Date	Name and	Salient Recommendations	Action taken
No.		Designation of		
1	22.00.2017	Participants		LD
1.	22.08.2017	Dr. S.K. Singh	Small Demonstration units must be	In Progress
		Director,	developed at Centre in a proper way.	
		ICAR-ATARI	Socio-economic survey of village must	
		Jodhpur	be needed before conducting	
			OFT/CFLD/FLD. Demonstrated new	
			technologies through poster /pump	
			lets/digital boards in gallery of office.	
			Cultivation of crops at the Centre in a	
			scientific way to demonstrate to the	
-			farmers	LD
2.		Dr S.K. Sharma	Field day must be organized. Detailed	In Progress
		Director,	survey must be needed of villages	
		DEE, SKRAU,	where OFT/FLD should be conducted.	
		Bikaner	Develop small Demonstrated unit of	
			local indigenous crop/species/plants at	
			the Centre. Popularize the importance of	
			soil health card scheme and important	
			techniques to reduce the cost of	
			cultivation and increase the income of	
3		Dr Door Dovist Oil-	farmers.	In Drogram
3		Dr. Deen Dayal Ojha,	Promote the native guggal, Kair,	In Progress
		Sr. Literaturate,	Khejari, sewan grass cultivation and	
		Jaisalmer	kummat gum production technology in	
			Jaisalmer areas to increase the income of farmers.	
4		Dr. Nathuram		In Prograss
'		Dr. Nathuram Chhabra,	Create awareness and popularize the A.I & castration of male bull cattle to	In Progress
		Dy. Director,	conserve the native breads of cattle	
		•	(Tharparkar) and improve feeding	
		Dept. of A.H., Jaisalmer	system to the Tharparkar cattle breed	
		Jaisannei	and other animal's to increase the milk	
			production in Jaisalmer.	
5		Sh R.S. Narwal,	Develop a small Azolla Demonstration	In Progress
5		Deputy Director.	unit at the Centre. Transfer of	minogress
		Dept. of Agriculture	technology to the farmers with respect	
		Jaisalmer	to reduce the cost of cultivation and	
		Jaisannei	increase the income of farmers of	
			Jaisalmer district.	
6		Sh. D. L. Maurya	Popularize the datepalm cultivation in	
		Deputy Director.	jaisalmer areas because farmers can	
		Dept. of Horti.	increase their income through	
		C.E.Date Palm,	processing local means.	
		Jaisalmer		
7		Dr. Abhishek Kumar	Organise awareness programme and	In Progress
1		Scientist,	popularize the importance and scope of	m i togiess
		RRS,	wind break and shelterbelt in Jaisalmer	
		CAZRI, Jaisalmer		
		UNLINI, JAISAIIIITI		
L	[

8	Sh. Suresh Kumar	Transfer of new technologies to rural	
	Nehru Yuva Kendra,	areas of Jaisalmer district and create	
	Jaisalmer	awareness among farming community.	
9	Smt. LalitaPaliwal	Need to promote the new agricultural	In Progress
	progressive farmer of	technologies in Jaisalmer district to	
	Jaisalmer	increase the income of farmers.	
10	Sh. Jethu Singh	Newly released variety of crops should	In Progress
	Progressive farmer of	be incorporate in FLD. Create	
	Jaisalmer	awareness to castration of male cattle to	
		conserve the Tharparkar breeds.	
11	Dr R.S. Pal Incharge	Beside Tharparkar cattle, Goats and	In Progress
	LRS, Chandan	sheep have need to popularize and have	
	Jaisalmer	a lot of scope in Jaisalmer.	
12	Sh. Dwarka Ram	Demonstration unit must be develop at	In Progress
	Progressive farmer of	the Centre for demonstration of new	
	Jaisalmer	techniques. Cultivation of crops at the	
		Centre will be in a scientific manner.	
13	Dr. Julious Uchoi	Popularize the pomegranate in Jaisalmer	In Progress
	Scientist,	Districts through trainings/ OFT/ and	
	RRS, CAZRI,	other extension activities.	
	Jaisalmer		

2. DETAILS OF DISTRICT (2017-18)

Jaisalmer, the largest district of the Rajasthan as well as in the India located in the western part with an area of 38,401 sq kms. The district falls in the agro climatic zone IC i.e. hyper arid partially irrigated western plain. Average annual rainfall is only 160 mm and erratic in nature, high temp & high wind velocity is the common feature of this area. Therefore, it is very difficult to harvest the grain crop during the kharif season. Farmers of this area are forced to rear cattle sheep & goat because of capability of much of the land is to sustain grassland alone. The district has been identified to have only one micro farming situation as rainfed, very low rainfall (160 mm) sand dunes with undulating interdunal depression.

Sub Division	: 2 (Jaisalmer And Pokaran)
Tehsil	: 3 (Jaisalmer, Fatehgarh And Pokaran)
Panchayat Sa	miti : 3 (Jaisalmer, Sam and Sankada)
Gram Pancha	iyat : 140
Town	: 2 (Jaisalmer And Pokaran)
Village	: 807
Municipality	: 2 (Jaisalmer And Pokaran)

LITERACY PERCENTAGE:

۶	Male	: 72.00 %
\triangleright	Female	: 39.70 %
\triangleright	Average Literacy	: 57.20 %
\succ	Rajasthan Literacy	: 66.60 %

TOTAL POPULATION:

Sr.	Sr. Bopulation		Women	Total Population
No.	No. Population	363346	308662	672008
1	Male/Female Ratio (Female/1000 Males)	1000	900	

2.1 MAJOR FARMING SYSTEMS/ ENTERPRISES (basic on the analysis made by the kvk):

Sr.	Sr. Farming System/ Characteristics		
No.	Enterprise	Kharif	Rabi
1.	Irrigated		Chickpea, Mustard, Cumin, Wheat, Isbgol
2.	Rainfed	Cluster bean, Pearl Millet, Moth bean, Sesame	Taramira

2.2 DESCRIPTION OF AGRO-CLIMATIC ZONE & MAJOR ECOLOGICAL SITUATION (BASED ON SOIL AND TOPOGRAPHY):

Sr. No.	Agro-Climatic Zone	Characteristics
1.	Zone I-C	Hyper Arid Partially Irrigated Western Plain
Sr. No.	Ecological Situations	Characteristics
1.	Arid Eco System	Hot Desert, Low Rainfall, High Temperature & High Wind Velocity

2.3 SOIL TYPE/S:

Sr. No.	Soil Type	Characteristics
1.	Sandy / Sandy Loam	Low Water Holding Capacity & Low Fertility

2.4 AREA, PRODUCTION AND PRODUCTIVITY OF MAJOR CROPS CULTIVATED IN THE DISTRICT:

Sr. No.	Сгор	Area (ha)	Production (MT)	Productivity (kg/ha)
1.	Kharif		-	
А.	Pearl millet	98694	8663	88
B.	Cluster bean	599121	58866	98
C.	Moth bean	10679	3928	368
D.	Groundnut	19790	26089	1318
E.	Green gram	47455	16836	355
F.	Castor	4249	1268	298
G.	Sesame	6393	2266	354
2.	Rabi			
A.	Mustard	43816	37799	863
B.	Cumin	44061	20240	459
C.	Chickpea	152935	136888	895
D.	Isbgol	40552	17986	444
E.	Wheat	9989	13824	1384
F.	Barley	677	824	1217
G.	Taramira	810	351	433

* Rajasthan Agricultural Statistics at a Glance 2016-17

2.5. WEATHER DATA: (2017-18)

Sr. Month	Month	Temperature (°C)		Relative Humidity (%)		Rainfall	Rainy	Wind Speed
No.		Maxi	Mini	Ι	II	(mm)	Days	(km/h)
1	January	21.2	3.4	69.3	34.3	6.4	2	3.9
2	February	28.8	5.3	35.9	13.9	0.0	-	4.2
3	March	34.1	13.0	41.6	16.1	4.2	2	5.2
4	April	40.6	19.9	44.1	16.7	0.0	-	9.9
5	May	42.5	22.9	57.8	26.5	28.8	3	10.7
6	June	40.8	23.7	67.5	33.4	38.4	2	14.5
7	July	36.8	22.3	78.8	49.4	123.6	8	11.4
8	August	36.4	22.5	72.1	45.6	60.6	2	11.5
9	September	37.6	21.3	69.2	32.8	0.0	-	6.7
10	October	38.9	16.4	38.7	14.6	0.0	-	3.5
11	November	29.9	9.1	56.4	22.9	0.0	-	2.2
12	December	24.5	3.7	59.4	26.6	4.4	1	3.3
Total	/Average	34.3	15.3	57.6	27.7	266.4	20	7.3

2.6. PRODUCTION AND PRODUCTIVITY OF LIVESTOCK, POULTRY AND FISHERIES IN THE DISTRICT:

Sr. No.	Category	Population	Production	Productivity
1.	Cattle	4,34,623	-	-
	Crossbred	1,637	-	-
	Indigenous	4,32,986	-	-
2.	Buffalo	4057	-	-
3.	Sheep	11,85,150	-	-
	Crossbred	-	-	-
	Indigenous	-		-
4.	Goats	15,13,386	-	-
5.	Pigs	1,129		
	Crossbred	-	-	-
	Indigenous	-	-	-
6.	Rabbits	-	-	-
7.	Poultry	20,181		
8.	Hens	-	-	-
9.	Desi	-	-	-
10.	Improved	-	-	-
11.	Ducks	-		
12.	turkey And Others	-	-	-
13.	Camel	49,917	-	-

* Department of Animal Husbandry, GOR, 19th Livestock Census

Sr. No.	Tehsil	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1.	Pokaran	Pokaran	Bhakari,Ratadiya, Barth ka goan, Madava, Badali, Biliya, Salvi, Chanchan, Gomath, Kelava, Lathi, Ajasar, Chhayan, Bhaniyana, Gathi Champawatan, Bhadariya, Phalsond,	Groundnut, Pearl millet,, Moth bean, Green gram, Cluster bean, Mustard, Isbgol, Cumin, Wheat, Gram and Cattle rearing	Low yield of kharif and Rabi crops and lack of improved crop verities	Crop Management and moisture conservation practices, Improved crop verities, green manuring and compost making
2.	Fatehgarh	Fatehgarh	Devikot, Sangad, Dangari,Madhopura, Fatehgarh, Jogi ka das, Devara, Chelak	Groundnut, Pearl millet,, Moth bean, Green gram, Cluster bean, Mustard, Isbgol, Cumin, Wheat, Gram And Cattle rearing	low yield of kharif and Rabi crops and lack of improved crop verities	Crop Management and moisture conservation practices, Improved crop verities, green manuring and compost making

2.7 Details of Operational area / Villages (2017-18)

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Pearl millet, Green gram, Moth bean, Chick pea, Cluster bean	Improved crop verities, Dissemination of dry land technology, Soil moisture conservation, Integrated Nutrient Management, Integrated Pest Management

3. <u>TECHNICAL ACHIEVEMENTS</u>

OFT (1	Cechnology Asses	ssment and	Refinement)	FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			n, Other
]	1		2			
Numb	oer of OFTs	Total 1	no. of Trials	Area in ha		Numbe	r of Farmers
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
-	-	-	-	33.20	33.20	98	98

3.A. Details of target and achievements of mandatory activities by KVK during 2017-18

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)						Extension Activities			
30					3	8			
Number of Courses			Number of Participants		Number of activities		Number of participants		
Targets	Achievem	Targets	Achievem	Targets	Achieve	Targets	Achieve		
	ent		ent		ment		ment		
30	30	887	887	48	48	1734	1734		
-	-	-	-	-	-	-	-		
-	-	-	-	-	-	-	-		
	arried und ber of Cour Targets 30 -	arried under Rainwate 30 ber of Courses Targets Achievem ent 30 30 	arried under Rainwater Harvestin 30 ber of Courses Num Parti Targets Achievem Targets ent 30 30 887 	arried under Rainwater Harvesting Unit) 30 ber of Courses Number of Participants Targets Achievem Targets Achievem ent ent 30 30 887 887 	arried under Rainwater Harvesting Unit) 30 30 or of Courses Number of Num Participants Participants action of Courses Targets Achievem Targets Targets Achievem Targets and and an arrival colspan="2">action of Courses Targets Achievem Targets ant ent ent 30 30 887 887 48 - - - - - - - -	arried under Rainwater Harvesting Unit) 30 3 30 3 or of Courses Number of Participants Achieven activities Targets Achievem ent Targets Achieve ment Targets Achieve ment 30 30 887 887 48 48 - - - - - -	arried under Rainwater Harvesting Unit) 30 38 30 38 or of Courses Number of Participants Number of Number of Number of Num participants Targets Achievem Iargets Achievem ent Targets Achieve ment Targets 30 30 887 887 48 48 1734 - - - - - - -		

5	Seed Production	(Qtl.)	Planting material (Nos.) 6			
	5					
Target	TargetAchievementDistributed to no.of farmers		Target	Achievement	Distributed to no. of farmers	
-	-	-	-	-	-	
-	-	-	-	-	-	

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various CrOpS by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Interneted Nutrient Management	-	-	-	-
Integrated Nutrient Management	-	-	-	-
Varietal Evaluation	-	-	-	-
Varietai Evaluation	-	-	-	-
Integrated Dect Management	-	-	-	-
Integrated Pest Management	-	-	-	-
Integrated Crop Management	-	-	-	-
Integrated Crop Wanagement	-	<u> </u>	-	-
Integrated Disease Management	-	<u> </u>	-	-
Integrated Disease Management	-	<u> </u>	-	-
Small Scale Income Generation Enterprises	-	<u> </u>	-	-
Sman Scale meone Generation Enterprises	-	-	-	-
Weed Management	-	<u> </u>	-	-
weed Management	-	-	-	-
Resource Conservation Technology	-	<u> </u>	-	-
Resource Conservation Technology	-	<u> </u>	-	-
Farm Machineries	-	-	-	-
	-	-	-	-
Integrated Farming System	-	-	-	-
Integrated Parning System	-	-	-	-
Seed / Plant production	-	-	-	-

	-	-	_	-
Post Harvest Technology / Value addition	-	-	-	-
	-	-	-	-
Durideoury Deduction	-	-	-	-
Drudgery Reduction	-	-	-	-
Storage Technique	-	-	-	-
Storage Technique				
Others (Pl. specify)	-	-	-	-
Total		-	-	-

Summary of technologies assessed under livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management	-	-	-	-
Evaluation of Breeds	-	-	-	-
Feed and Fodder management	-	-	-	-
Nutrition Management	-	-	-	-
Production and Management	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total	-		-	-

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
	-	-	-	-
Nil	-	-	-	-
271	-	_	_	-
Nil	-	-	-	-
NT:1	-	-	-	-
Nil	-	-	-	-
NT1	-	-	-	-
Nil	-	-	-	-

B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various CrOpS by KVKs

Thematic areas	Crop	Name of the technology refined	No. of trials	No. of farmers
Internet of Nutrient Management	-	-	-	-
Integrated Nutrient Management	-	-	-	-
Varietal Evaluation	-	-	-	-
varietal Evaluation	-	-	-	-
Integrated Pest Management	-	-	-	-
integrated rest Management	-	-	-	-
Integrated Crop Management	-	-	-	-
Integrated Crop Management	-	-	-	-
Integrated Disease Management	-	-	-	-
Integrated Disease Management	-	-	-	-
Small Scale Income Generation Enterprises				
Sman Scale income Generation Enterprises				
Weed Management	-	-	-	-
weed Management	-	-	-	-
Resource Conservation Technology	-	-	-	-
	-	-	-	_
Farm Machineries	-	-	-	-

				10
	-	-	-	-
Integrated Farming System	-	-	-	-
inegrated Parining System	-	-	-	-
Seed / Plant production	-	-	-	-
	-	-	-	-
Value addition	-	-	-	-
value addition	-	-	-	-
Drudgery Reduction	-	-	-	-
	-	-	-	-
Storage Technique	-	-	-	-
Storage Technique	-	-	-	-
Others (Bl. specify)	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total				

Summary of technologies refined under various livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials	No. of farmers
Disease Management	-	-	-	-
Evaluation of Breeds	-	-	-	-
Feed and Fodder management	-	-	-	-
Nutrition Management	-	-	-	-
Production and Management	-	-	-	-
Others (Pl. specify)	-	-	-	-
Total				

SUMMARY OF TECHNOLOGIES REFINED UNDER VARIOUS ENTERPRISES BY KVKS

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers
NTI	-	-	-	-
Nil	-	-	-	-
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-
Nil	-	-	-	-
	-	-	-	-

Note: Suppose **IPM in paddy** is the technology refined by 50 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with 50*5 = 250 trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

13

I.C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

(From each state please include the full details of three OFTs on technology assessment and or refinement under the broad thematic areas such as Integrated Crop Management, weed management, pest and disease management, nutrient management, resource conservation, livestock enterprises, Integrated Nutrient Management)

(The model for preparing the same is furnished below)

INTEGRATED CROP MANAGEMENT

Problem definition: Lower income from sugarcane monocrop cultivation

Technology Assessed or Refined (as the case may be) : Intercropping of French bean in paired row planted sugarcane

KVK, Shimoga in Karnataka conducted on-farm trial to assess or refine (as the case may be) effect of intercropping on net return in sugarcane. The intercrop system of planting of sugarcane as paired row at 5 ft spacing and growing french bean between two pairs had realized a net return of Rs. 1.87 lakh/ha as compared to the recommended practice with net returns of Rs. 1.41 lakh/ha (32.6% increase in net return per ha).

Table Performance French bean as inter crop in sugarcane

Technology Option	No.of trials	Yield (t/ha)	Net Returns (Rs. in lakh./ha)
Planting sugarcane at 3 ft row spacing			
(Farmers Practice)			
Paired row planting at 5 ft spacing			
(Recommended Practice)			
Paired row planting at 5 ft spacing + growing			
intercrop between two pairs (french bean)			

WEED MANAGEMENT

Problem definition: Heavy infestation of weed in cabbage

Technology Assessed or Refined (as the case may be): Weed control measures on cabbage yield in Karnataka

KVKs of Haveri, Hassan, Mysore and Mandya of Karnataka took up on-farm trial on chemical weed management in cabbage. The results indicated that the use of Oxyflurofen @ 1 kg. a i/ha gave 43.60 per cent increase in yield over hand weeding.

Table Effect of Alachlor and	Oxvflurofen on weed control	l and vield at cabbage

Technology Option	No.of trials	Yield (qt./ha)	Increase in yield (%)	Net Return (Rs./ha)	B:C Ratio
Three times hand weeding					
(Farmers Practice)					
Alachlor @ 1.5 Kg. ai/ha as pre-emergent spray					
(Recommended Practice)					
Oxyflurofen @ 1 Kg ai/ha prior to transplanting					
with 1 inter cultivation and 1 hand weeding.					

PEST AND DISEASE MANAGEMENT

Problem definition: Heavy infestation of leaf curl in chilli effecting in a yield loss of 20% and income loss of Rs.10000/ha

Technology Assessed or Refined (as the case may be): Leaf Curl Management in Chilli

Chilli is an important commercial crop of Northern Karnataka. However, there is high incidence of leaf curl disease resulting in yield loss. Five KVKs namely Gadag, Haveri, Dharwad, Belgaum and Bagalkot conducted on-farm

trial to assess or refine (as the case may be) the control measure. The refined technology of seed treatment with imidacloprid @ 5g/kg seeds + dipping seedlings with imidacloprid @ 0.25ml/lit along with spray with Dicofol @ 2.5 ml/lit reduced the percentage of disease incidence from 23 to 6 and yield was increased by 38.78 per cent.

Table Effect of imidacloprid in control of leaf curl in chilli

Technology Option	No.of trials	Incidence of leaf curl (%)	Yield (kg/ha)	% Increase in yield over farmer's practice
Spray of Dimethoale @ 2 ml/lit (Farmers				
Practice)				
Spray of Dimethoale @ 1.7 ml/lit + Dicofol				
2.5 ml/lit (Recommended Practice)				
Seed treatment with imidacloprid @ 5g/Kg.				
seeds + dipping seedlings with imidacloprid				
@ 0.25ml/lit along with spray with Dicofol				
@ 2.5 ml/lit				

NUTRIENT MANAGEMENT

Problem definition: Lower productivity and profitability in blackgram cultivation due to imbalance application of nutrients

Technology Assessed or Refined (as the case may be): Nutrient management in black gram

KVK, Karur in Tamil Nadu conducted on-farm trial to find out appropriate nutrient management practice to enhance the black gram productivity. The assessed or refined (as the case may be) practice of soaking seeds with manganese sulphate @ 8% solution for two hours was found to be better with 59.62 % increase in yield.

Table Effect of seed soaking of MnSo₄ in enhancing germination and yield in black gram

Technology Option	No.of trials	Germination (%)	Plant height at flowering stage	Yield (kg./ha)	Increase in Yield (%)	B:C Ratio
No seed treatment and foliar spray						
(Farmers Practice)						
Foliar spray of DAP @ 2% and NAA						
@ 40ppm at 30 and 45 DAS						
(Recommended Practice)						
Seed soaking with MnSo ₄ @ 8% for						
two hours + recommended practice						

RESOURCE CONSERVATION

Problem definition: Lower productivity and profitability in tomato cultivation **Technology Assessed or Refined (as the case may be):** Enhancement of tomato yield through precision-farming in Tamil Nadu

The KVKs of Dindigul, Perambalur and Dharmapuri in Tamil Nadu conducted on-farm trial on fertigation in tomato. Combined application of water and fertilizers through drip system had enhanced the tomato yield by 22% in Tamil Nadu with the water saving of 35% alongwith net profit of Rs.25460 per hectare.

Table Effect of fertigation on yield and income of tomato

Technology Option	No.of trials	Yield (t/ha)	Net Returns (Rs./ha)	BC Ratio
Irrational fertilizer and water application with out considering stages				
(Farmers Practice)				
Irrigation at 7 to 10 days interval, FYM @ 25 Tons / ha, Fertilizers @ 150 : 100 : 50 NPK Kg / ha (Recommended Practice)				
Application of water and fertilizer through drip system at critical stages. Fertilizer dose was reduced to three fourth of recommended				
dose				

LIVE STOCK ENTERPRISES

Problem definition: High incidence of mastitis disease in dairy cows resulting in lower productivity and profitability of dairying

Technology Assessed or Refined (as the case may be): Management of mastitis in crossbreed cows in Karnataka

KVK, Gadag conducted trial to find out suitable control measure for mastitis in cross bred cows as the recommended practice could not stop recurrence of mastitis to the desired level. The technology recommended was fine tuned by including dry cow therapy fro the control of mastitis.

Table Effect of streptopenicillin in the control of mastitis

Technology Option	No.of trials	Per cent incidence of mastitis
Washing of udder is washed with fresh water and application of turmeric paste after		
milking (Farmers practice)		
Use of "SAAF" kit (Iodine 0.71 % w/v) after milking. (Recommended practice)		
Recommended practice + Dry cow therapy (Streptopenicillin administration by intra		
mammary infusion at once for each teat of udder at 7-8 months of pregnancy)		

INTEGRATED NUTRIENT MANAGEMENT

Problem definition: Lower yield in nendran banana due to imbalance application of nutrients **Technology Assessed or Refined (as the case may be):** Integrated Nutrient Management in Banana

KVK, Palakkad assess or refine (as the case may be) the technology of integrated nutrient management by the application of effect of application of Cattle Manure @ 10 kg. /plant, Azospirillum @ 60 gm/plant, urea 315 gm and Potash 500 gm/plant as balanced nutrition in Nendran variety of banana and found that the same had enhanced the yield by 19 per cent compared to farmers practice and 25 per cent saving on nitrogenous fertilizers.

Table Performance of banana to integrated nutrient management

Technology Option	No.of trials	Yield t./ha	B:C Ratio
Cowdung @ 10 kg./plant, Plant wood ash @ 5 kg./plant			
and green leaf manure @ 5 kg./plant			
Cattle Manure @ 10 kg. /plant, Azospirillum @ 60			
gm/plant, urea 315 gm and Potash 500 gm/plant.			

II. FRONTLINE DEMONSTRATION

a. Follow-up for results of FLDs implemented during previous years List of technologies demonstrated during previous year and popularized during 2016-17 and recommended for large scale adoption in the district

	Crop/			Details of	Horizontal s	spread of tech	nology
S No	Enterprise	Thematic Area*	Technology demonstrated	popularization methods suggested to the Extension system	No. of villages	No. of farmers	Area in ha
1.	Green gram	Improved variety seed	POP (IPM02-03)	Field day, kishan gosthi, farmers meeting, Extension Literature	10	30	10
2.	Chickpea	Improved variety seed	POP (GNG-1581)	Field day, kishan gosthi, farmers meeting, Extension Literature	5	20	10
3	Groundn ut	Improve d variety seed	POP (HNG-69)	Field day, kishan gosthi, farmers meeting, Extension Literature	3	17	6.8

b. Details of FLDs implemented during 2017-18 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

SI. No.	Сгор	Improved variety seed	Technology Demonstrated	Season and	Area	(ha)		 of farmers, emonstration 		Reasons for shortfall in
INO.		Seeu	Demonstrated	year	Proposed	Actual	SC/ST	Others	Total	achievement
01	Greengram	Improved variety seed	POP (IPM02-03)	Kharif 2017-18	20	13.60	17	18	34	
02	Clusterbean	Improved variety seed	POP (RGC-1017)	Kharif 2017-18	20	10.00	18	22	40	
03	Chick pea	Improved variety seed	POP (GNG-1581)	Rabi 2017-18	20	09.60	04	19	24	

Details of farming situation

Сгор	Season	Farming situation (RF/Irrigated)	Soil type	Sta	itus o	f soil	Previous crop	Sowing date	Harvest date	Seasonal rainfall	No. of rainy
		, , , , , , , , , , , , , , , , , , ,		N	Р	к				(mm)	days
Green gram	Kharif 17-18	Irrigated/ unirrigated	S & SL	L	Fellow		3 rd week of July	3 rd week of Oct	222.6	12	
Cluster bean	Kharif 17-18	Rainfed/irrigated	S & SL	L	м	М	Fallow Wheat Mustard cumin	3 rd week of July	3 rd week of Oct	222.6	12
Gram	<i>Rabi</i> 17-18	Irrigated	S & SL	L	М	М	Fallow/ Cluster bean	24-28 Oct	Last week of March	4.0	1

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1. Green gram	High yielding, Resistant to YVMV, Synchronous in maturity
2. Cluster bean	High yield, short duration and Resistant to Diseases and Pest
3. Chickpea	High yield, Light yellowish color, multiple branching and resistance to root rot

Farmers' reactions on specific technologies

S. No	Feed Back
1. Green gram	Farmers like this variety due to high yield & synchronize in maturity
2. Cluster bean	Farmers like this variety due to high yield & short duration
3. Chickpea	Farmers like this variety due to high yield, light yellowish color, multiple branching and resistant to root rot and frost attack

Extension and Training activities under FLD

SI.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	01	25.02.18	23	-
2	Farmers Training	-	-	-	-
3	Media coverage	-	-	-	-
4	Training for extension functionaries	-	-	-	-

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

	Thematic	technology		No. of	Area			eld (q/ha)		% Increase		nomics of ((Rs.)		tion	I	Economics (Rs./		
Crop	Area	demonstrated	Variety	Farmers	(ha)		Dem	10	Check	in yield	Gross	Gross	Net	BCR	Gross	Gross	Net	BCR
						High	Low	Average	Check		Cost	Return	Return	(R/C)	Cost	Return	Return	(R/C)
Groundnut																		
Sesamum																		
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Mustard																		<u> </u>
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																		<u> </u>
Teria																		<u> </u>
Toria																		<u> </u>
Linseed																		+
Elliberta																		
																		+
Sunflower																		
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Soybean																		+
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* Economics to be worked out based total cost of production per unit area and not on critical inputs alone. ** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

	Thematic	technology		No. of	Area		Yi	ield (q/ha)		% Increase	Ecor	omics of (Rs.	demonstra /ha)	tion	E	Economics (Rs.	s of check /ha)	
Crop	Area	demonstrated	Variety	Farmers	(ha)		Den	10	Chaoli	in yield	Gross	Gross	Net	BCR	Gross	Gross	Net	BCR
						High	Low	Average	Check		Cost	Return	Return	(R/C)	Cost	Return	Return	(R/C)
Pigeonpea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blackgram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greengram	Improved variety seed and POP	Improved variety seed and POP	IPM 02-03	34	13.6	10.0	4.0	6.7	3.7	81.08	11246.4	40185	28936.6	2.57	10336.8	22285	11948.2	1.16
Chickpea	Improved variety seed and POP	Improved variety seed and POP	GNG-1581	24	9.6	20.0	4.0	10.0	7.8	28.21	21100	49500	28400	1.35	19270	38610	19340	1.00
Fieldpea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lentil	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Horsegram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clusterbean	Improved variety seed and POP	Improved variety seed and POP	RGC-1017	40	10.0	13.0	4.0	7.38	3.58	106.15	7440	32930	25490	3.43	6660	16020	9360	1.41

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone. ** BCR= GROSS RETURN/GROSS COST

FLD on Other crops

Category & Crop	Thematic	Name of the	No. of	Area			ield (q/ha)		% Change	Ot Parar	her neters	Econo	mics of c (Rs./	lemonstr ha)	ation	Econ	omics of	check (R	s./ha)
Crop	Area	technology	Farmers	(ha)	High	Dem Low	o Average	Check	in Yield	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals							j	-											
Paddy																			i
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Waterlogged Situation																			
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Scented Rice																			
																			
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* Economics to be worked out based total cost of production per unit area and not on critical inputs alone. ** BCR= GROSS RETURN/GROSS COST

FLD on Livestock

Category	Thematic area	Name of the technology	No. of Farmer	No.of Units (Animal/	Major pa	rameters	% change	Other pa	rameter	Econom	ics of dem	nonstratio	n (Rs.)	E	conomics (Rs	s.)	
		demonstrated		Poultry/ Birds, etc)	Demo	Check	in major parameter	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net	BCR (R/C)
Cattle																	
Buffalo																	
Duffala Calf																	
Buffalo Calf																	
Dairy																	<u> </u>
Poultry																	
Sheep & Goat																	
Vaccination																	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone. ** BCR= GROSS RETURN/GROSS COST

FLD on Fisheries

Cotomony	Thematic	Name of the	No. of	No.of	Major pa	rameters	% change	Other pa	rameter	Econor	mics of de	nonstratio	on (Rs.)	I		s of check s.)	
Category	area	technology demonstrated	Farmer	units	Demons ration	Check	in major parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps																	
Composite fish culture																	
Feed																	
Manageme nt																	

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone. ** BCR= GROSS RETURN/GROSS COST

FLD on Other enterprises

Category	Name of the technology	No. of Farmer	No.of units	Major par	ameters	% change in major	Other p	arameter	Econom	ics of dem Rs./	onstration unit	(Rs.) or			s of check Rs./unit	
	demonstrated			Demo	Check	parameter	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom																
																<u> </u>
																<u> </u>
Button Mushroom																
Apiculture																

Maize Sheller								
Value Addition								
Vermi Compost								

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Demonstration	Check

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed obse (output/material		% change in major	Laboi	r reductior	n (man day	s)		Cost red /ha or Rs	uction JUnit etc.)	
						Demo	Check	parameter	Land preparation	Sowing	Weeding	Total	Land preparation		Irrigation	Total

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology	No. of Farmer	No. of Units	Yield	(Kg)	% change	Other p	parameters	Eco	nomics of o (Rs./		tion		Economics (Rs./l		
		demonstrated			Demons ration	Check	in yield	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)

Yield (q/ha) Economics of demonstration (Rs./ha) technology demonstrated Hybrid % Increase No. of Area Demo Crop Gross Gross BCR Variety (ha) in yield Farmers Check Net Return High (R/C) Low Average Cost Return Oilseed crop Pulse crop Cereal crop Vegetable crop Fruit crop Other (specify)

FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during 2017-18)

Note : Remove the Enterprises/crops which have not been shown

III. Training Programme

Thematic area	No. of				I	Participant	ts			
	courses		Others		-	SC/ST		(Grand Tota	al
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										<u> </u>
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	03	62	0	62	44	0	44	106	0	106
Soil & water conservatioin	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Others (pl specify)	-								-	-
Total	- 03	- 62	- 0	- 62	- 44	- 0	- 44	- 106	- 0	- 106
II Horticulture	03	02	0	02	44	0	44	100	0	100
a) Vegetable Crops										
Production of low value and high										
valume crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)										
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)										
c) Ornamental Plants Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental										
Plants										1
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition		1								
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)										
f) Spices										
Production and Management technology										
Processing and value addition										

Farmers' Training including sponsored training programmes (on campus)

								31
Others (pl specify)		ĺ					l	51
Total (f)								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value								
addition								
Others (pl specify)								
Total (g)								
GT (a-g)								
III Soil Health and Fertility								
Management								
Soil fertility management								
Integrated water management					 			
Integrated Nutrient Management					 			
Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops					 			
Nutrient Use Efficiency Balance use of fertilizers								
Soil and Water Testing						-		
Others (pl specify)						-		
Total								
IV Livestock Production and					 			
Management								
Dairy Management								
Poultry Management								
Piggery Management								
Rabbit Management								
Animal Nutrition Management								
Disease Management								
Feed & fodder technology								
Production of quality animal products								
Others (pl specify)								
Total								
V Home Science/Women								
empowerment								
Household food security by kitchen								
gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high					 			
nutrient efficiency diet								
Minimization of nutrient loss in								
processing								
Processing and cooking								
Gender mainstreaming through SHGs								
Storage loss minimization techniques					 			
Value addition					 		1	
Women empowerment								
Location specific drudgery reduction								
technologies								
Rural Crafts								
Women and child care								
Others (pl specify)								
Total								
VI Agril. Engineering								
Farm Machinary and its maintenance								
Installation and maintenance of micro								
irrigation systems								
Use of Plastics in farming practices								
Production of small tools and								
implements								
Repair and maintenance of farm								
machinery and implements								
Small scale processing and value addition								
Post Harvest Technology				-				
1 USI Harvest Technology				1			1	L

Total	1	1	1	1	1	1	1	1	1
Others (pl specify)								ļ	──
Integrated Farming Systems	 						 	ļ	<u> </u>
Nursery management							 	ļ	<u> </u>
Production technologies	-						 	ļ	┝──
XI Agro-forestry							<u> </u>	ļ	
Total									
Others (pl specify)									
WTO and IPR issues									
farmers/youths									
Entrepreneurial development of									
Mobilization of social capital									
Formation and Management of SHGs									
Group dynamics									
Leadership development	1	1	1						
Dynamics									
X Capacity Building and Group	1						<u> </u>		1
Total	1						<u> </u>		1
Others (pl specify)	1						<u> </u>		1
Apiculture			1						<u> </u>
Mushroom Production	1						<u> </u>		
Production of Fish feed	1						<u> </u>		
Production of livestock feed and fodder	1		1				<u> </u>		
Small tools and implements	1		1				<u> </u>		
sheets									
Production of fry and fingerlings Production of Bee-colonies and wax									──
Organic manures production	+		ł				<u> </u>	ļ	──
Vermi-compost production	+		ł				<u> </u>	ļ	──
Bio-fertilizer production									──
Bio-pesticides production									┝──
Bio-agents production									
Planting material production							<u> </u>	<u> </u>	
Seed Production								<u> </u>	
IX Production of Inputs at site							<u> </u>	<u> </u>	╂───
Total IX Production of Inputs at site							<u> </u>		<u> </u>
							<u> </u>	<u> </u>	╂───
Others (pl specify)	+	+	+				<u> </u>		├
Fish processing and value addition	+	+	+				<u> </u>		├
Pearl culture	+						<u> </u>		
Edible oyster farming									
Shrimp farming	+	+	+				<u> </u>		╂───
Pen culture of fish and prawn									
Portable plastic carp hatchery			-						├──
fishes									
Breeding and culture of ornamental							<u> </u>		<u> </u>
freshwater prawn									
Hatchery management and culture of			-						├──
Composite fish culture			-						
Carp fry and fingerling rearing									
Carp breeding and hatchery management									
							<u> </u>	<u> </u>	┨───
VIII Fisheries Integrated fish farming									<u> </u>
Total									
Others (pl specify)	-				-		ł	ļ	
bio pesticides									
Production of bio control agents and									
Bio-control of pests and diseases									
Integrated Disease Management							 		
Integrated Pest Management							ļ	ļ	
VII Plant Protection								<u> </u>	
Totul									
Total									

	No. of		-		1	Participan	15	r		_
	courses		Others			SC/ST			Grand Tot	1
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production						-			-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification	-	-	-	-	-	-	-	-	-	-
Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/irrigation Seed production	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	- 20	-	-	-	-	-	-	-
Integrated Crop Management Soil & water conservatioin	13	203	32	235	105	18	123	308	50	358
	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Others (pl specify)	-	-	-	-	-	-	-	-	-	-
Total	13	203	32	235	- 105	- 18	123	308	50	358
II Horticulture	15	205	52	235	105	18	123	508		350
a) Vegetable Crops Production of low value and high										
value crops										
Off-season vegetables		<u> </u>								
Nursery raising		<u> </u>								
Exotic vegetables		<u> </u>								
Exotic vegetables Export potential vegetables		<u> </u>								
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)								1		
b) Fruits								1		
Training and Pruning Layout and Management of Orchards								1		
Cultivation of Fruit								1		
								1		
Management of young plants/orchards Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants										
Propagation techniques of Ornamental		<u> </u>								
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops		<u> </u>								
Production and Management technology		<u> </u>								
Processing and value addition										
Others (pl specify)		ł						<u> </u>	+	
Total (d)		ł						<u> </u>	+	
		<u> </u>								
e) Tuber crops Production and Management technology		<u> </u>								
Processing and value addition		ł						<u> </u>	+	
Others (pl specify)		ł						<u> </u>	+	
Total (e)										
f) Spices Production and Management technology										
Production and Management technology										
Processing and value addition Others (pl specify)										
Uners (b) specify)										
							•			1
Total (f) g) Medicinal and Aromatic Plants										

Farmers' Training including sponsored training programmes (off campus)

Production and management technology										1
Post harvest technology and value										
addition										+
Others (pl specify) Total (g)										
GT (a-g)										+
III Soil Health and Fertility										1
Management										
Soil fertility management										
Integrated water management Integrated Nutrient Management										1
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify) Total										+
IV Livestock Production and										+
Management										
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	<u> </u>
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-	-	-
Feed & fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products	-	-	-	-	-	-	-	-	-	-
Others (Protection of animals from heat	04	62	26	88	37	13	50	99	39	138
stroke)			•			10				
Total V Home Science/Women	04	62	26	88	37	13	50	99	39	138
empowerment										
Household food security by kitchen										
gardening and nutrition gardening										
Design and development of										
low/minimum cost diet										
Designing and development for high nutrient efficiency diet										
Minimization of nutrient loss in										
processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques Value addition										+
Women empowerment										
Location specific drudgery reduction										
technologies										
Rural Crafts										
Women and child care										<u> </u>
Others (pl specify) Total										+
VI Agril. Engineering										
Farm Machinary and its maintenance								<u> </u>		
Installation and maintenance of micro				1			1			1
irrigation systems										
Use of Plastics in farming practices										<u> </u>
Production of small tools and implements										
Repair and maintenance of farm						1				+
machinery and implements										
Small scale processing and value										1
addition										
Post Harvest Technology										
Others (pl specify) Total										
				I						+
VII Plant Protection										

										35
Integrated Disease Management	07	116	24	140	46	15	61	162	39	201
Bio-control of pests and diseases	-	-	-	140	-		-	-	-	201
Production of bio control agents and	-	-	-	-	-	-	-	-	-	
bio pesticides	-	_	_	_	_	_	_			_
Others (pl specify)	-	-	_	-	-	-	-	-	_	-
Total	10	152	41	193	68	24	92	220	65	285
VIII Fisheries	10	132	41	195	00	24	94	220	0.5	205
Integrated fish farming										
Carp breeding and hatchery							-			
management										
Carp fry and fingerling rearing					ł		1			
Composite fish culture										
Hatchery management and culture of										
freshwater prawn										
Breeding and culture of ornamental										
fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn										
Shrimp farming										
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total										
IX Production of Inputs at site										
Seed Production										
Planting material production										
Bio-agents production										
Bio-pesticides production										
Bio-fertilizer production										
Vermi-compost production										
Organic manures production										
Production of fry and fingerlings										
Production of Bee-colonies and wax										
sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total										
X Capacity Building and Group										
Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of										
farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)		1		1	İ	İ	İ			
Total		1		1	İ	İ	İ			
GRAND TOTAL	27	417	99	516	210	55	265	627	154	781
	•	•	•		•		•	•	•	

Thematic area	No. of	Participants								
	courses	Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	-	-	-	-	-	-	-	-	-	-
Resource Conservation Technologies	-	-	-	-	-	-	-	-	-	-
Cropping Systems	-	-	-	-	-	-	-	-	-	-
Crop Diversification Integrated Farming	-	-	-	-	-	-	-	-	-	-
Micro Irrigation/irrigation	-	-	-	-	-	-	-	-	-	-
Seed production	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	_	_	_	_	_	_	_	
Integrated Crop Management	16	265	32	297	149	18	167	414	50	464
Soil & water conservation	-	-	-	-	-	-	-	-	-	-
Integrated nutrient management	-	-	_	-	-	_	-	-	_	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-
Others (pl specify)	-	-	-	-	-	-	-	-	-	-
Total	16	265	32	297	149	18	167	414	50	464
II Horticulture										
a) Vegetable Crops										
Production of low value and high										1
valume crops										
Off-season vegetables										ļ
Nursery raising		 			 					ł
Exotic vegetables										
Export potential vegetables Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)										
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)										
c) Ornamental Plants										
Nursery Management										
Management of potted plants										
Export potential of ornamental plants Propagation techniques of Ornamental										
Plopagation techniques of Ornamental Plants										1
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (e)		ļ								ļ
f) Spices										
Production and Management technology										
Processing and value addition										l
Others (pl specify)										l
Total (f)										ļ
g) Medicinal and Aromatic Plants										
Nursery management]	L			<u> </u>		<u> </u>

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

										37
Production and management technology										
Post harvest technology and value										
addition Others (rel specify)										
Others (pl specify) Total (g)										
GT (a-g)					-		-			
III Soil Health and Fertility										
Management										
Soil fertility management										
Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs										
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency										
Balance use of fertilizers										
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and										
Management										
Dairy Management	-	-	-	-	-	-	-	-	-	-
Poultry Management	-	-	-	-	-	-	-	-	-	-
Piggery Management	-	-	-	-	-	-	-	-	-	-
Rabbit Management	-	-	-	-	-	-	-	-	-	-
Animal Nutrition Management	-	-	-	-	-	-	-	-	-	-
Disease Management	-	-	-	-	-	-	-	-	-	-
Feed & fodder technology	-	-	-	-	-	-	-	-	-	-
Production of quality animal products Protection of animal from heat stroke	- 04	- 62	- 26	-	- 37	- 13	- 50	- 99	- 39	- 138
Total	04	62	26	88 88	37	13	50	99	39	138
V Home Science/Women	04	02	20	00	57	15	50	99	39	150
empowerment										
Household food security by kitchen										
gardening and nutrition gardening										
Design and development of										
low/minimum cost diet										
Designing and development for high										
nutrient efficiency diet										
Minimization of nutrient loss in										
processing										
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction										
technologies										
Rural Crafts				-						-
Women and child care										
Others (pl specify)										
Total										
VI Agril. Engineering										
Farm Machinary and its maintenance Installation and maintenance of micro	}	+		-	ł		ł	}		+
irrigation systems										
Use of Plastics in farming practices										
Production of small tools and								 		
implements										
Repair and maintenance of farm										
machinery and implements										
Small scale processing and value	1			1	1	1	1	1		1
addition										
	1	1								
Post Harvest Technology									1	1
Post Harvest Technology Others (pl specify)										
Others (pl specify) Total										
Others (pl specify)	03	36	17	53	22	09	31	58	26	

										38
Integrated Disease Management	07	116	24	140	46	15	61	162	39	201
Bio-control of pests and diseases	-	-	-	-	-	-	-	-	-	-
Production of bio control agents and										
bio pesticides	-	_	-	_	-	_	_	-	-	_
Others (pl specify)	-	-	_	-	-	-	-	-	-	-
Total	10	152	41	193	68	24	92	220	65	285
VIII Fisheries	10	152	- 11	175	00	24	72	220	0.5	205
Integrated fish farming										
Carp breeding and hatchery										
management										
Carp fry and fingerling rearing										
Composite fish culture										
Hatchery management and culture of										
freshwater prawn										
Breeding and culture of ornamental										
fishes										
Portable plastic carp hatchery										
Pen culture of fish and prawn							1			
Shrimp farming							1			
Edible oyster farming										
Pearl culture										
Fish processing and value addition										
Others (pl specify)										
Total							-			
IX Production of Inputs at site										
Seed Production										
Planting material production							-			
Bio-agents production										<u> </u>
Bio-pesticides production	-						-			<u> </u>
Bio-fertilizer production										<u> </u>
										<u> </u>
Vermi-compost production Organic manures production										<u> </u>
										<u> </u>
Production of fry and fingerlings Production of Bee-colonies and wax										-
sheets										
Small tools and implements Production of livestock feed and fodder										
										-
Production of Fish feed										-
Mushroom Production										-
Apiculture										-
Others (pl specify)										
Total										
X Capacity Building and Group										
Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of										
farmers/youths										
WTO and IPR issues	 			+	 	 	 	 		╂────
Others (pl specify)		┨		+	 	 	 	 		╂────
Total										<u> </u>
XI Agro-forestry										
Production technologies										<u> </u>
Nursery management										<u> </u>
Integrated Farming Systems										<u> </u>
Others (pl specify)	ļ			1		ļ				───
Total		450							4	0.07
GRAND TOTAL	30	479	99	578	254	55	309	733	154	887

Training for Rural Youths including sponsored training programmes	(On campus)
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	No. of				N	o. of Partic	ripants			
Area of training	No. of Course		General	1		SC/ST	1		Grand To	tal
	s	Mal e	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops										
Training and pruning of orchards										
Protected cultivation of vegetable crops										
Commercial fruit production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										
Sericulture										
Repair and maintenance of farm machinery and										
implements										
Value addition										
Small scale processing										
Post Harvest Technology										
Tailoring and Stitching										
Rural Crafts										
Production of quality animal products										
Dairying										
Sheep and goat rearing										
Quail farming										
Piggery										
Rabbit farming										
Poultry production										
Ornamental fisheries										
Composite fish culture										
Freshwater prawn culture										
Shrimp farming										
Pearl culture										
Cold water fisheries										
Fish harvest and processing technology										
Fry and fingerling rearing										
Any other (pl.specify)										
TOTAL										

	No. of Participants												
Area of training	No. of Courses		General			SC/ST			Grand Tota	i I			
5	Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total			
Nursery Management of													
Horticulture crops													
Training and pruning of													
orchards													
Protected cultivation of													
vegetable crops													
Commercial fruit													
production													
Integrated farming													
Seed production													
Production of organic inputs													
Planting material production													
Vermi-culture													
Mushroom Production													
Bee-keeping													
Sericulture													
Repair and maintenance of													
farm machinery and													
implements													
Value addition													
Small scale processing													
Post Harvest Technology													
Tailoring and Stitching													
Rural Crafts													
Production of quality animal													
products													
Dairying													
Sheep and goat rearing													
Quail farming													
Piggery													
Rabbit farming													
Poultry production													
Ornamental fisheries													
Composite fish culture													
Freshwater prawn culture													
Shrimp farming													
Pearl culture													
Cold water fisheries													
Fish harvest and processing													
technology													
Fry and fingerling rearing													
Any other (pl.specify)													
TOTAL					1								

Training for Rural Youths including sponsored training programmes (Off campus)

Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + Off campus)

	No. of	of No. of Participants								
Area of training	Courses		General			SC/ST		Grand Total		
	Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of										
Horticulture crops										
Training and pruning of										
orchards										
Protected cultivation of										
vegetable crops										
Commercial fruit										
production										
Integrated farming										
Seed production										
Production of organic inputs										
Planting material production										
Vermi-culture										
Mushroom Production										
Bee-keeping										

Sericulture					
Repair and maintenance of					
farm machinery and					
implements					
Value addition					
Small scale processing					
Post Harvest Technology					
Tailoring and Stitching					
Rural Crafts					
Production of quality animal					
products					
Dairying					
Sheep and goat rearing					
Quail farming					
Piggery					
Rabbit farming					
Poultry production					
Ornamental fisheries					
Composite fish culture					
Freshwater prawn culture					
Shrimp farming					
Pearl culture					
Cold water fisheries					
Fish harvest and processing					
technology					
Fry and fingerling rearing					
Any other (pl.specify)					
TOTAL					

Training programmes for Extension Personnel including sponsored training programmes (on campus)

	No. of				No. of Participants						
Area of training	Courses		General			SC/ST			Grand Tota	ıl	
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
Productivity enhancement in field											
crops											
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology											
Production and use of organic inputs											
Care and maintenance of farm											
machinery and implements											
Gender mainstreaming through											
SHGs											
Formation and Management of											
SHGs											
Women and Child care											
Low cost and nutrient efficient diet											
designing											
Group Dynamics and farmers											
organization											
Information networking among											
farmers											
Capacity building for ICT											
application											
Management in farm animals											
Livestock feed and fodder											
production											
Household food security											
Any other (pl.specify)											
TOTAL											

					No.	of Particip	oants			
Area of training	No. of Courses		General	SC/ST				(Grand Tota	ıl
	Courses	Male	Female	Tota l	Male	Female	Tota l	Male	Female	Tota l
Productivity enhancement in field crops										
Integrated Pest Management										
Integrated Nutrient management										
Rejuvenation of old orchards										
Protected cultivation technology										
Production and use of organic inputs										
Care and maintenance of farm machinery and implements										
Gender mainstreaming through SHGs										
Formation and Management of SHGs										
Women and Child care										
Low cost and nutrient efficient diet designing										
Group Dynamics and farmers organization										
Information networking among farmers										
Capacity building for ICT application										
Management in farm animals										
Livestock feed and fodder production										
Household food security										
Any other (pl.specify)										
TOTAL										

Training programmes for Extension Personnel including sponsored training programmes (off campus)

Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + Off campus)

	No. of Participants										
Area of training	No. of		General			SC/ST		Grand Total			
	Courses	Male	Femal e	Total	Male	Femal e	Total	Male	Femal e	Total	
Productivity enhancement in field crops											
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology											
Production and use of organic inputs											
Care and maintenance of farm											
machinery and implements											
Gender mainstreaming through SHGs											
Formation and Management of SHGs											
Women and Child care											
Low cost and nutrient efficient diet											
designing											
Group Dynamics and farmers											
organization											
Information networking among farmers											
Capacity building for ICT application											
Management in farm animals											
Livestock feed and fodder production											
Household food security											
Any other (pl.specify)											
TOTAL											

Table. Sponsored training programmes

	No. of Courses				No.	of Particip	ants			
Area of training	Courses		General			SC/ST			Grand Tota	1
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and										
management										
Increasing production and										
productivity of crops										
Commercial production of										
vegetables										
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility										
management					ļ	ļ			ļ	
Production of Inputs at site										
Methods of protective cultivation										
Others (pl. specify)										
Total										
Post harvest technology and										
value addition										
Processing and value addition										
Others (pl. specify)										
Total										
Farm machinery										
Farm machinery, tools and										
implements										
Others (pl. specify)										
Total										
Livestock and fisheries										
Livestock production and										
management										
Animal Nutrition Management										
Animal Disease Management										
Fisheries Nutrition										
Fisheries Management										
Others (pl. specify)										
Total										
Home Science										
Household nutritional security										
Economic empowerment of women										
Drudgery reduction of women										
Others (pl. specify)										
Total										
Agricultural Extension										
Capacity Building and Group										
Dynamics										
Others (pl. specify)										
Total										
GRAND TOTAL										

Details of vocational training programmes carried out by KVKs for rural youth

	No. of	8		No. of Participants						
Area of training	Course		General			SC/ST			Grand Tota	al
	s	Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and										
management										
Commercial floriculture										
Commercial fruit production										
Commercial vegetable production										
Integrated crop management										
Organic farming										
Others (pl. specify)										
Total										
Post harvest technology and										
value addition										
Value addition										
Others (pl. specify)										
Total										
Livestock and fisheries										
Dairy farming										
Composite fish culture										
Sheep and goat rearing										
Piggery										
Poultry farming										
Others (pl. specify)										
Total										
Income generation activities										
Vermicomposting										
Production of bio-agents, bio-										
pesticides,										
bio-fertilizers etc.										
Repair and maintenance of farm										
machinery										
and implements										
Rural Crafts										
Seed production										
Sericulture										
Mushroom cultivation										
Nursery, grafting etc.			1							
Tailoring, stitching, embroidery,			1							
dying etc.										
Agril. para-workers, para-vet			1							
training										
Others (pl. specify)										
Total			1							
Agricultural Extension			1							
Capacity building and group			1							
dynamics										
Others (pl. specify)										
				l	1					
Total										

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	Total
Advisory Services	12	367	-	367
Diagnostic visits	-	-	-	-
Field Day	01	20	-	20
Group discussions	-	-	-	-
Kisan Ghosthi	01	50	-	50
Film Show	-	-	-	-
Self -help groups	-	-	-	-
Kisan Mela	-	-	-	-
Exhibition	-	-	-	-
Scientists' visit to farmers field	13	277	-	277
Plant/animal health camps	-	-	-	-
Farm Science Club	-	-	-	-
Ex-trainees Sammelan	-	-	-	-
Farmers' seminar/workshop	-	-	-	-
Method Demonstrations	-	-	-	-
Celebration of important days	-	-	-	-
Special day celebration	-	-	-	-
Exposure visits	-	-	-	-
Others (lecture delivered in other programmes)	06	733	-	733
Others (Farmers visit to KVK)	15	287	-	287
Total	48	1734	-	1734

IV. Extension Programmes

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD)	-
Extension Literature	-
News paper coverage	3
Popular articles	2
Radio Talks	-
TV Talks	-
Animal health camps (Number of animals treated)	-
Others (pl. specify)	-
Total	5

			Type of Messages					
Name of KVK	Message Type	Crop	Live stock	Weather	Marke- ting	Awar e- ness	Other enterpris e	Total
	Text only	-	-	-	-	-	-	
KVK, Pokaran	Voice only	252	75	40	-	-	-	367
	Voice & Text both	-	-	-	-	-	-	-
	Total Messages	252	75	40	-	-	-	367
	Total farmers Benefitted	252	75	40	-	-	-	367

Number of KVKs organized Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/ livestock technology
Teennorogy Week	Gosthies			teennoiogy
	Lectures organised			
	Exhibition			
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the			
	technology week			

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS Production of seeds by the KVKs

Crop	Name of the	Name of	Name of the	~ •	Value	Number of
Стор	crop	the variety	hybrid	seed (q)	(R s)	farmers
Cereals						
Oilseeds						
Pulses						
Commercial crops						
1						
Vegetables						
Flower crops						
Spices						
Spices						
Fodder crop seeds						
rodder erop seeds						
Fiber crops						
Forest Species						
rolest species						
Others						
Others						
Total						

Сгор	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial						
Vegetable seedlings						
Fruits						
Ornamental plants						
Medicinal and Aromatic						
Plantation						
Spices						
Tuber						
Fodder crop saplings						
Forest Species						
Others						
Total						

Production of planting materials by the KVKs

Production of Bio-Products

	Name of the bio-product	Quantity		
Bio Products		Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others				
Total				

Table: Production of livestock materials

	Name of the breed	Number	Value (Rs.)	No. of Farmers
Particulars of Live stock				
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Piglet				
Others (Pl.specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Total				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)	No. of soil health cards distributed
Soil	18	18	01	2700.00	18
Water	-	-	-	-	-
Plant	-	-	-	-	-
Manure	-	-	-	-	-
Others (pl.specify)	-	-	-	-	-
Total	19	19	01	2700.00	18
Total	18	18	01	2700.00	18

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Participants
KVK, Pokaran	22-08-2017	13

IX. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution

X. PUBLICATIONS

Category	Number
Research Paper	-
Technical bulletins	-
Technical reports	3
Others (Leaflets)	4
	-

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

	Activities conducted						
No. of Training programmes	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)			

XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

Introduction of alternate crops/varieties

Crops/cultivars	Area (ha)	Extent of damage	Recovery of damage through KVK initiatives if any
Total			

Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Total		

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants		
Total				

Animal health camps organised

Number of camps	No.of animals	No.of farmers
Total		

Seed distribution in drought hit states

Crops	Quantity (qtl)	Coverage of	Number of
		area (ha)	farmers

Total		

50

Large scale adoption of resource conservation technologies

Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Total		

Awareness campaign

	Meetings		Gosthies		Field	days	Farmers	fair	Exhibition		Film	show
	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers
Total												

XIII. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total				

B. HRD activities organized in identified areas for KVK staff by ATARI

Title of the training programmes	No of programmes	No. of Particip	pants No. of KVKs involved
Total			

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

- a) Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise
- b) Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise
- c) Effect of production and supply of seeds and planting material / animal breed / or bioproduct and its impact on district agriculture with respect to that crop/ enterprise/ bioproduct

The general format for preparing the above case studies are furnished below Name of the KVK

TITLE

Introduction

KVK intervention

Output

Outcome Impact

XIII. STATUS REVOLVING FUNDs

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2015 to March 2016	104961	4078 (By interest)	17107	87854
April 2016 to March 2017	87854	3815 (By interest)	-	87854
April 2017 to March 2018	87854	1117 (By interest)	-	93971